

PATENT APPLICATION
Docket No: 11675.101

DECLARATION, POWER OF ATTORNEY, AND PETITION

We, Michael A. Walker and Karl M. Robinson, declare: that we are citizens of United States of America; that our residences and post office addresses are P.O. Box 45144, Boise, Idaho 83711, and 120 East Mallard Dr. #111, Boise, Idaho 83706, respectively; that we verily believe we are the original, first, and joint inventors of the subject matter of the invention or discovery entitled SELF-ALIGNED RECESSED CONTAINER CELL CAPACITOR AND METHOD OF MAKING for which a patent is sought and which is described and claimed in the specification attached hereto; that we have reviewed and understand the contents of the above-identified specification, including the claims referred to, and that we acknowledge the duty to disclose information which is material to the examination of this application in accordance with Section 1.56(a) of Title 37 of the Code of Federal Regulations.

We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.

We hereby appoint as our attorneys and/or patent agents: H. ROSS WORKMAN, Registration No. 25,230; RICK D. NYDEGGER, Registration No. 28,651; DAVID O. SEELEY, Registration No. 30,148; JONATHAN W. RICHARDS, Registration No. 29,843; JOHN C. STRINGHAM, Registration No. P-40,831; MICHAEL F. KRIEGER, Registration No. 35,232;

BRADLEY K. DeSANDRO, Registration No. 34,521; JOHN M. GUYNN, Registration No. 36,153; GREGORY M. TAYLOR, Registration No. 34,263; DANA L. TANGREN, Registration No. 37,246; ERIC L. MASCHOFF, Registration No. 36,596; KEVIN B. LAURENCE, Registration No. 38,219; SUSAN K. MORRIS, Registration No. 39,780, JEFFREY L. RANCK, Registration No. 38,590; C. J. EVERKA, Registration No. P-40,858; JONATHAN D. WOOD, Registration No. 39,076; ROBYN L. PHILLIPS, Registration No. 39,330; DAVID B. DELLENBACH, Registration No. 39,166; TIMOTHY M. FARRELL, Registration No. 37,321; LENA I. VINITSKAYA, Registration No. 39,448; JOHN N. GREAVES, Registration No. 40,362; KEVIN K. JOHANSON, Registration No. 38,506; MICHAEL L. LYNCH, Registration No. 30,871; and LIA P. DENNISON, Registration No. 34,095, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. All correspondence and telephonic communications should be directed to:

BRADLEY K. DeSANDRO
WORKMAN, NYDEGGER & SEELEY
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

Wherefore, we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the foregoing specification and claims, declaration, power of attorney, and this petition.

Signed at Boise, Id, this 26th day of Sept, 1997.

Inventor:


Michael A. Walker
P.O. Box 45144
Boise, Idaho 83711

Signed at Boise, Id, this 26th day of September, 1997.

Inventor:


Karl M. Robinson
~~120 East Mallard Dr. #111 HC 33 Box 1232~~
Boise, Idaho 83706

WHEN RECORDED RETURN TO:

PATENT APPLICATION
Docket No: 11675.101

Workman, Nydegger & Seeley
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

A S S I G N M E N T

We, Michael A. Walker, and Karl M. Robinson, of P.O. Box 45144, Boise, Idaho 83711, and 120 East Mailard Dr. #111, Boise, Idaho 83706, respectively, have invented a method and apparatus entitled SELF-ALIGNED RECESSED CONTAINER CELL CAPACITOR AND METHOD OF MAKING hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by us and now identified as File No. 11675.101 of the law firm of Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, and filed in the United States Patent and Trademark Office as Serial No. _____ on

_____. (We hereby authorize the attorneys of Workman, Nydegger & Seeley to insert said serial number and filing date when known.)

The Assignee, Micron Technology, Inc., a corporation of the State of Delaware, having a principal place of business at 8000 South Federal Way, Boise, Idaho 83707-0006, desires to secure the entire right, title and interest in said invention.

For good and valuable consideration paid to us by the Assignee, the receipt and sufficiency of which we hereby acknowledge, WE HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent

or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Dated this 26th day of September, 1997.

Michael A. Walker
Michael A. Walker

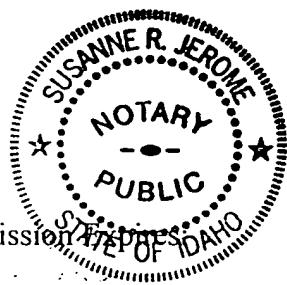
Karl M. Robinson
Karl M. Robinson

STATE OF IDAHO)

: ss.

COUNTY OF Ada)

On September 26, 1997, before me personally appeared Michael A. Walker, and Karl M. Robinson, known to me to be the persons described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that they have read the same and know the contents thereof and that they executed the same as their free act and deed and for the purposes set forth therein.



My Commission Expires Sept. 2000

Susanne R. Jerome
NOTARY PUBLIC
Residing at 1111 2nd St., Jr.

a / assoc .
Power
e. Willis
12-3-01

PATENT APPLICATION
Docket: 11675.101.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
)
)
Walker, et al.)
)
Serial No.: Not Yet Assigned)
)
Filed: Herewith)
)
For: METHOD OF MAKING A SELF-ALIGNED)
 RECESSED CONTAINER CELL CAPACITOR)

ASSOCIATE POWER OF ATTORNEY

The Honorable Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

Please recognize CHARLES L. ROBERTS, Reg. No. 32,434; DAVID L. GRIFFIN, Registration No. P-44,136; R. BURNS ISRAELSEN, Registration No. 42,685; DAVID R. TODD, Registration No. 41,348; JESÚS JUANÓS i TIMONEDA, Registration NO. 43,332; STEPHEN D. PRODNUK, Registration No. 43,020, and R. PARRISH FREEMAN, Registration No. 42,556 as associate attorneys for me in the above-entitled application. Please address all future written and telephonic communications to:

BRADLEY K. DeSANDRO
WORKMAN, NYDEGGER & SEELEY
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

Dated this 13 day of February, 1999.

Respectfully submitted,



BRADLEY K. DeSANDRO
Attorney for Applicant
Registration No. 34,521

WORKMAN, NYDEGGER & SEELEY
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111
Telephone: (801) 533-9800
Facsimile: (801) 328-1707

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Rev. 10/95



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FEBRUARY 02, 1998

PTAS

WORKMAN, NYDEGGER & SEELEY
BRADLEY K. DESANDRO
1000 EAGLE GATE
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UT 84111



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/30/1997

REEL/FRAME: 8839/0519
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

WALKER, MICHAEL A.

DOC DATE: 09/26/1997

ASSIGNEE:

ROBINSON, KARL M.

DOC DATE: 09/26/1997

ASSIGNEE:

MICRON TECHNOLOGY, INC.
8000 SOUTH FEDERAL WAY
BOISE, IDAHO 83707

SERIAL NUMBER: 08940307

FILING DATE: 09/30/1997
ISSUE DATE:

PATENT NUMBER:

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

12-17-1997

SHEET

Tab settings □ □ □ ▼

100591709

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Michael A. Walker
Karl M. Robinson
MRD
9/30/97

Additional name(s) of conveying party(ies) attached? □ Yes X No

2. Name and address of receiving party(ies)**Name:** Micron Technology, Inc.**Internal Address:****Street Address:** 8000 South Federal Way**City:** Boise **State:** Idaho **ZIP:** 83707**Additional name(s) & address(es) attached? □ Yes X No****3. Nature of conveyance:**

- Assignment
 Security Agreement
 Other _____

- Merger
 Change of Name

Execution Date: 9/26/97**4. Application number(s) or patent number(s):**

If this document is being filed together with a new application, the execution date of the application is: 9/26/97

A. Patent Application No.(s)

081940,307

B. Patent No.(s)**Additional numbers attached? □ Yes X No****5. Name and address of party to whom correspondence concerning document should be mailed:****Name:** Bradley K. DeSandro**Internal Address:** WORKMAN, NYDEGGER & SEELEY
1000 Eagle Gate**Street Address:** 60 East South Temple**City:** Salt Lake City **State:** Utah **ZIP:** 84111**6. Total number of applications and patents involved:** 1**7. Total fee (37 CFR 3.41).....\$ 40.00** Enclosed Authorized to be charged to deposit account**8. Deposit account number:**

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Bradley K. DeSandro

Name of Person Signing

Signature

Sept. 30, 19

Date

Total number of pages including cover sheet, attachments, and document: 4